

ABSTRACT

The present invention discloses a communication terminal apparatus, by which it is possible to perform 5 communication while comprehensively controlling a plurality of different communication means. For instance, in a communication terminal apparatus 100 hierarchically classified to a plurality of layers depending on different processing functions such as OSI reference model, it is 10 designed in such manner that a processing unit 303 belonging to a predetermined layer can selectively utilize a plurality of processing units 301 belonging to lower layer through control of an operation control unit 304 belonging to a predetermined layer. For instance, by 15 referring to which processing is available among a plurality of processing units belonging to lower layer, which processing unit has better transmission efficiency in communication, or which processing unit can be used to perform communication with a desired communication partner, 20 data distribution control means 309 controls data distributing means 307, and the data distributing means divides transmission data supplied from upper layer and distributes the data to a plurality of processing units belonging to the lower layer.